Where are they now?

Cybersecurity Workforce Study

CAE–CD Two–Year College Alumni

NCYTE CENTER
National Cybersecurity Training & Education Center

NSF Award #2054724

Agenda

01

Origin
(2019)

02

New
(2024)

03

Strategies

04

Next Steps

05

Questions

01

Origin

2019 Study

- John Sands & Corrinne Sande
- 12 CAE-CD institutions
- 88 alumni participants
- Interviewed community College alumni
- Identified NICE work roles

https://www.ncyte.net/home/showpublisheddocument/10/637896711130970000

WORKFORCE STUDY: COMMUNITY COLLEGE CYBERSECURITY ALUMNI
WHERE ARE THEY NOW?

John Sands, Moraine Valley Community College

Corrinne Sande, Whatcom Community College

ABSTRACT

Community colleges have increased the number of cybersecurity professionals that graduate from their programs each year. These individuals are finding employment in every sector of our economy and are addressing the nation's shortage. The federal government led by the NIST/NICE Project have been able to better define the nations cybersecurity workforce through a list of 52 specialized cybersecurity work roles. This study was designed to examine the type of cybersecurity jobs filled by community college graduates and how they align to the NICE frameworks job roles. This study was conducted as a partnership between the National Cybersecurity Training and Education Center (NCyTE) and the Center for Systems Security and Information Assurance (CSSIA) and was funded by the NSF. The study examined graduates from 12 of the nation's top community college cybersecurity programs. The study is based on student interviews and self-identification of their current cybersecurity work roles. Doctoral candidates from Dakota State University interviewed the alumni and collected survey data. The results were analyzed and published by Dr. John Sands and Corrinne Sande. The study reveals the type of positions community college students are prepared for. The study highlights current trends and identifies potential opportunities for community college graduates.

02

Now

Follow-up Study

Alumni

Two-year community college graduates of CAE-CD programs

NICE Work Roles

Alumni to identify top 5 work roles for each employment position

Employment

Current and last 5 years of employment

Participants

Seeking to interview 200 alumni in the next 4 months

Reaching CAE-CD Two-Year Alumni

CAE-CD POCs/aPOCs

Points-of-Contact and Alternate Points-of-Contact

Alumni Interest Form

Express interest in participating in an interview and use Bookings to schedule
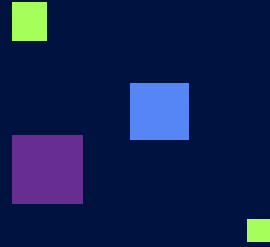
Alumni Interview

20-30 minutes on Zoom

03

Strategies

Gathering Alumni Contact Info

Institutional Research

Ask for a list of personal email addresses for alumni of your CAE-CD program

Ask IR to send the email directly to the alumni

Ask IR to speak with Coastline's Dean of IR

Foundation

Ask for a list of personal email addresses for alumni of your CAE-CD program

Ask your Foundation Office to send the email directly to the alumni

Rosters

Find names (and email addresses) on old rosters and share with Tobi
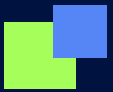
Tobi will look them up on LinkedIn

OR you can send them a message via LinkedIn

04

Next Steps

Supporting the Study

CAE-CD POCs/aPOCs

1. Complete the interest form: https://www.research.net/r/CAE-CDPOC2024
2. Receive an email with the link to the alumni form
3. Gather alumni contact info
4. Send link with letter to alumni

Alumni

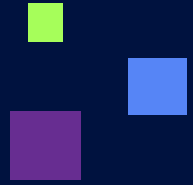Complete the interest form
Schedule an interview

Alumni Interview

20-30 minutes on Zoom

Questions

Thanks

Tobi West, PhD
twest20@coastline.edu
www.linkedin.com/in/tobiwest

https://www.facebook.com/NCyTE.Center
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